

Figure 1. Scanning and Sequencing by Complete Overlapping Probes

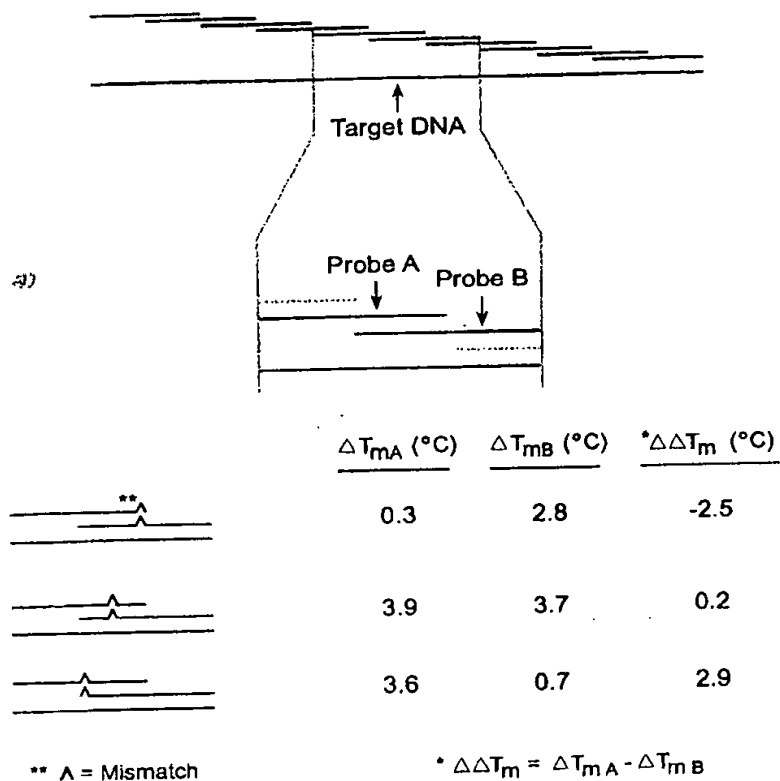


Figure 2. Scanning and Sequencing by Overlapping Probes with Single Nucleotide Spacing

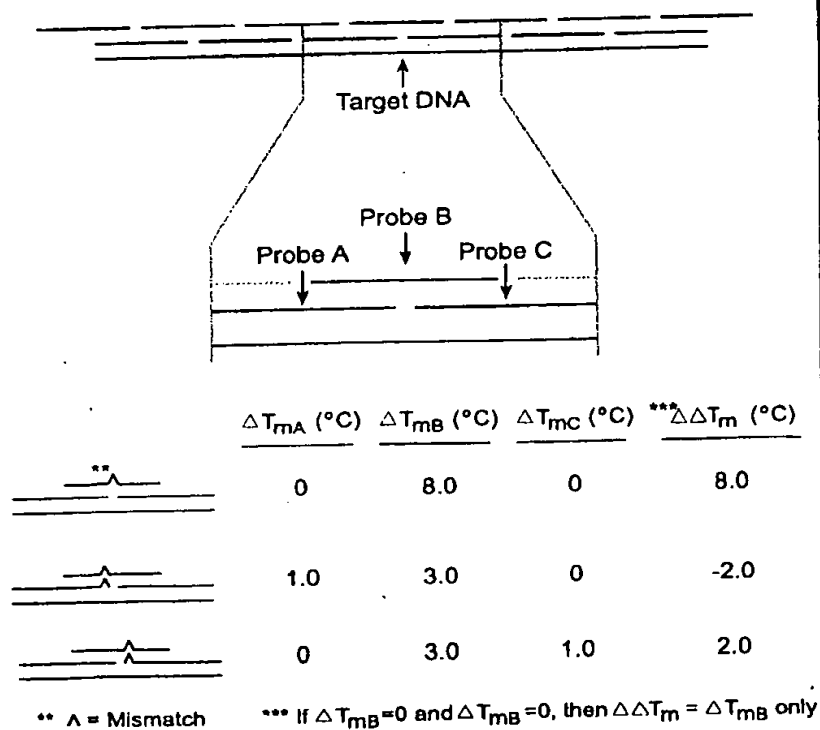


Figure 3. Effect on  $T_m$  of Different Mismatches in the Center of a 15mer Duplex

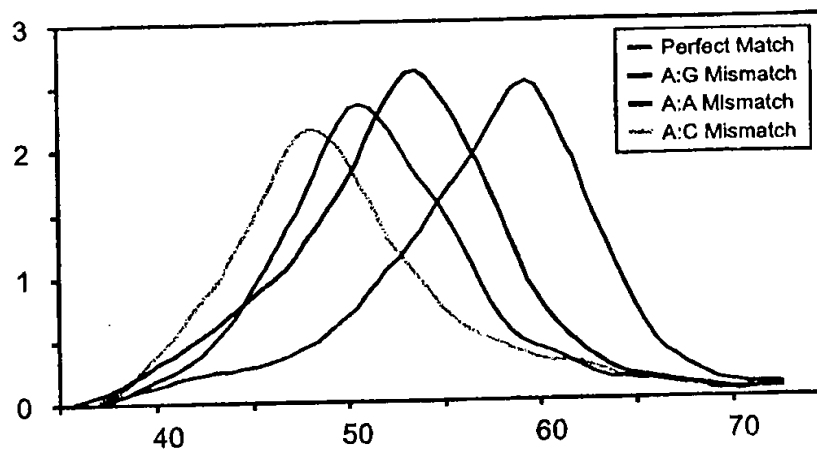


Figure 4. Effect of G:T Mismatch Position using 20mer Probes

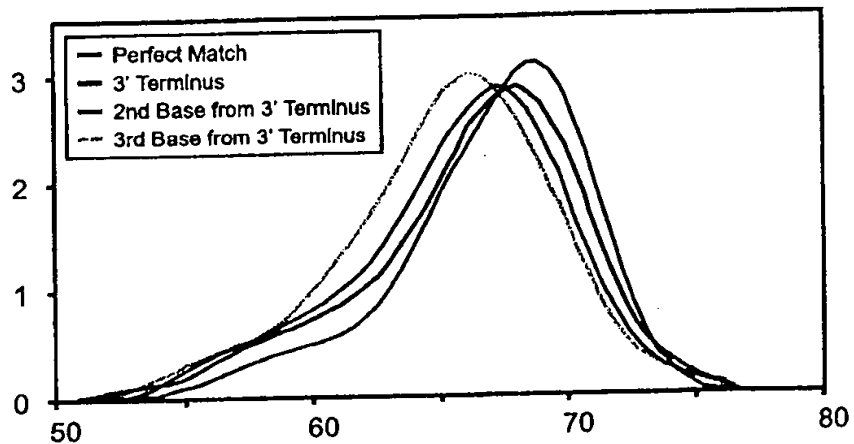


Figure 5. Tm Shift vs. Position of G:T Mismatch under a 20mer Probe

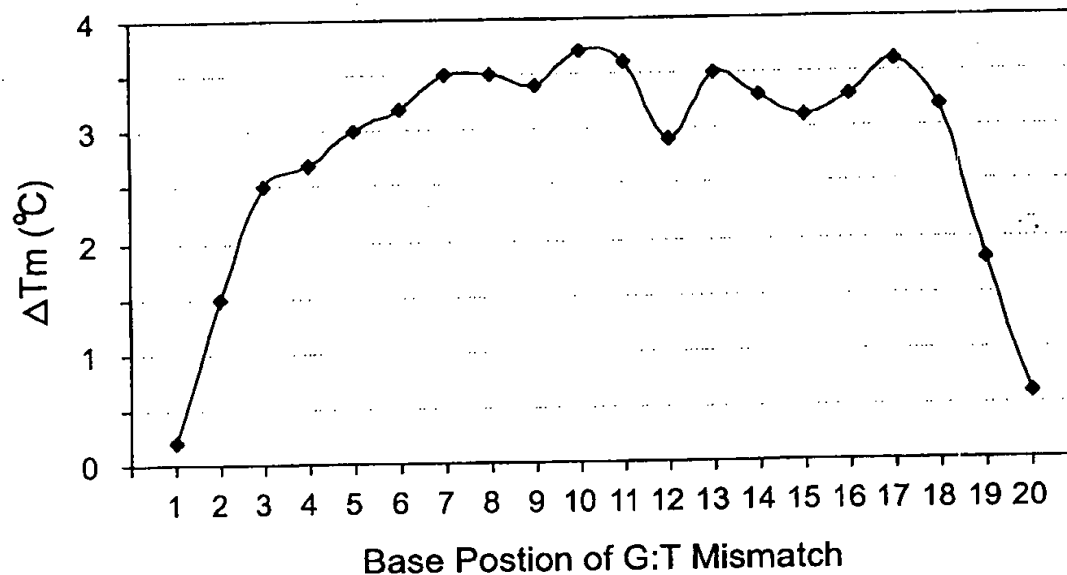


Figure 6.  $\Delta\Delta T_m$  of G:T Mismatches at Different Positions using the Overlapping Probe Embodiment

